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Chairman Kim Jong Un visits farm to stress need to breed fish

Kim Jong Un, chairman of the Workers' Party of Korea, chairman of the State Affairs Commission of the DPRK and supreme commander of the armed forces of the DPRK, together with his wife Ri Sol Ju provided on-site guidance at the Sinchang Fish Farm on April 16.

He was accompanied by Choe Ryong Hae, member of the Presidium of the Political Bureau of the WPK Central Committee, first vice-chairman of the DPRK State Affairs Commission and president of the Presidium of the DPRK Supreme People's Assembly, and leading officials of the WPK Central Committee.

He was greeted by Army General Kim Su Gil, director of the General Political Bureau of the Korean People's Army, Army General No Kwang Chol, minister of the People's Armed Forces, and officials of the fish farm.

As he made the rounds of a

newly built hall dedicated to education with revolutionary relics, the Supreme Leader said he felt deeper yearning for President Kim Il Sung and Chairman Kim Jong Il who had been so solicitous of the people and service personnel all their lives. The present Sinchang Fish Farm is unthinkable apart from the devoted efforts of the Chairman who inspected the farm on several occasions during the Arduous March and forced march in particular to

wisely lead the efforts to upgrade it into a model unit of fish farming and a world fish-farming base, he recalled.

He acquainted himself with the management and operation of the farm as he looked round fish ponds, hatching grounds and other places. Saying that the KPA did a lot of work to put the country's fish farming science and technology on a high level, he called on the whole country to follow the example of the army in carrying through the Party policy of

farm serving as the yardstick in the development of the country's fish farming technology and a model and educational unit in developing the country's fish farming, he emphasized.

He pinpointed the problems to be overcome in overall fish farming of the country and gave important instructions for bringing about a revolutionary turn in the fish farming sector.

Compiled from KCNA



fish farming, thereby carrying out the lifetime wish of the Chairman who had given his heart and soul to provide the people and service personnel with tasty and nutritious fish in abundance.

The Sinchang Fish Farm should continue to take the lead in putting fish farming on a Juche, scientific, modern, industrial and intensive basis so as to live up to the Party's trust and expectation that it should perform the mission and role as a standard fish



Supreme Commander Kim Jong Un oversees air drill, test-fire

Kim Jong Un, chairman of the Workers' Party of Korea, chairman of the DPRK State Affairs Commission and supreme commander of the armed forces of the DPRK, on April 16 oversaw the flight drill of combat pilots of Unit 1017 of the Air and Anti-aircraft Force of the Korean People's Army.

He was accompanied by Choe Ryong Hae, member of the Presidium of the Political Bureau of the WPK Central Committee, first vice-chairman of the DPRK State Affairs

Commission and president of the Presidium of the Supreme People's Assembly, and other senior officials of the Party Central Committee.

Saying that while passing by the unit he dropped in at the unit without notice in order to get familiar with the flight drill of a pursuit assault plane group, the Supreme Leader noted it is important to make a sudden inspection of regular readiness for action of units any time as the fight of the air and anti-aircraft sector is waged without prior notice.

He issued an order for the pilots of pursuit assault planes on combat duty to take off and perform difficult and complicated aerial combat actions.

As he saw the aviation ability of the pilots performing all flight operations including takeoff, air combat actions and landing skilfully and elegantly, he expressed great satisfaction with the fact that they are fully ready to carry out any aerial combat task with credit irrespective of conditions and



environment.

He said he was satisfied to see that the unit has properly trained pilots spiritually, physically and technically and achieved great success in the strenuous effort especially to recover the original efficiency of planes and raise their combat capability a step higher.

He said he feels at ease as he met the pilots performing anti-aircraft mission to defend the capital city with credit. Highly praising the unit as a laudable unit which is perfectly and correctly carrying out the Party policy of bringing about a revolution in training and military and political assignments, he asked for relaying his regards to all the pilots, ground crew and their families.

All the pilots should firmly prepare themselves to be indomitable fighters who creditably carry out combat tasks, bearing in mind the expectations of the country and people, he requested.

Kim Jong Un supervised the test-fire of a new-type tactical guided weapon conducted by the Academy of Defence Science on April 17.

As he looked round the weapon, the Supreme Leader was briefed on the composition of the weapon system and its operation mode by relevant officials of the academy.

The development of the weapon system is an event of very enormous significance in increasing the combat capability of the People's Army, he said, adding it is a very good thing that the national defence science sector is pressing ahead with the development of Korean-style weapon system embodying the four elements in its dynamic efforts for attaining the core research goals set forth by the Party at the Eighth Conference of Munitions Industry.

The test-fire performed in various methods of firing according to different targets fully verified the

design indexes of the tactical guided weapon that is highly appreciated for the unique mode of guiding flight and the loading of a powerful warhead.

After watching the power of the new weapon, the Supreme Leader said that Korean defence scientists and munitions workers have done another great work in boosting the country's defence capabilities, that he was always struck with admiration at them in the period of developing strategic weapons and that Korean scientists,

technicians and workers are great as ever as they can make any weapon when they are determined to do.

He expressed great satisfaction with the result of the test-fire, saying that today's success is another clear manifestation of the validity of the Party policy of attaching importance to defence science and technology and the might of the independent defence industry.

He set the phased and strategic goals to be attained for keeping munitions production going on and putting defence science and technology on the cutting-edge level and specified the tasks and ways to achieve them.

The test-fire was also seen by Kim Phyong Hae, O Su Yong, Jo Yong Won and other leading officials of the WPK Central Committee and Kim Su Gil, Ri Yong Gil, No Kwang Chol and other commanding officers of the Korean People's Army.

Compiled from KCNA

Kim Jong Un pays homage to great leaders

Kim Jong Un, chairman of the Workers' Party of Korea, chairman of the DPRK State Affairs Commission and supreme commander of the armed forces of the DPRK, visited the Kumsusan Palace of the Sun on April 15 to mark the Day of the Sun.

He was accompanied by Choe Ryong Hae, member of the Presidium of the Political Bureau of the WPK Central Committee, first vice-chairman of the DPRK State Affairs Commission and president

of the Presidium of the Supreme People's Assembly, Pak Pong Ju, member of the Presidium of the Political Bureau of the WPK Central Committee, vice-chairman of the DPRK State Affairs Commission and vice-chairman of the WPK Central Committee, Kim Jae Ryong, member of the Political Bureau of the WPK Central Committee, member of the DPRK State Affairs Commission and premier of the Cabinet, and other members of the Political Bureau of

the WPK Central Committee and the DPRK State Affairs Commission.

The Supreme Leader entered the hall where the statues of President Kim Il Sung and Chairman Kim Jong Il stand.

Baskets of flowers were laid at the statues in the name of the Supreme Leader and in the joint name of the Central Committee and the Central Military Commission of the WPK and the State Affairs Commission of the DPRK.

The Supreme Leader, together with the participants, paid tribute to the President and the Chairman at their statues.

He entered the hall where the President is preserved in his lifetime appearance and made a deep bow to him.

At the hall where the Chairman is preserved in his lifetime appearance he also made a deep bow to him.

Compiled from KCNA

CELEBRATIONS

President Kim Il Sung's birth anniversary celebrated at home and abroad

The Korean people celebrated the Day of the Sun (April 15), birth anniversary of President Kim Il Sung, with a colourful programme of events.

The Syrian President sent a message of congratulation and the Palestinian President and the Cambodian King and Great Queen baskets of flowers to Supreme Leader Kim Jong Un on the occasion of the Day of the Sun. Baskets of flowers, congratulatory letters and gifts also came from Pyongyang-based military attaches and diplomatic corps, visiting delegations and delegates of Juche idea study organizations, other foreign organizations and personages, the General Association of Koreans in China, the Central Standing Committee of the General Association of Korean Residents in Japan, the Central Committee of the Anti-imperialist National Democratic Front and overseas compatriots.

The whole country was enveloped in a festive mood throughout the holiday.

Senior officials of the Presidium of the Supreme People's Assembly and Cabinet ministers visited the Kumsusan Palace of the Sun to pay homage

to President Kim Il Sung and Chairman Kim Jong Il.

People from all parts of society visited the Kumsusan Palace of the Sun with immense yearning for the President and Chairman at the plaza of the palace.

Senior Party and government officials, the chairman of a friendly party and officials of ministries and national agencies visited Mangyongdae where President Kim Il Sung was born and spent his childhood.

Working people, youth and students, schoolchildren and service personnel visited the statues and large portraits of smiling President Kim Il Sung and Chairman Kim Jong Il on Mansu Hill in Pyongyang and other places across the country to pay floral tribute to the great leaders.

Resident UN officials, families of the people from abroad related to the revolutionary activities of the great leaders, Koreans in China, foreign organizations and personages and home-visiting overseas Koreans climbed up Mansu Hill and paid floral tribute to the great leaders at their



PHOTOS BY KCNA

People from all walks of life come out of the plaza of the Kumsusan Palace of the Sun after paying homage to President Kim Il Sung on the occasion of the Day of the Sun.

statues.

A national meeting in Pyongyang and similar meetings in provinces, cities, counties and industrial complexes highlighted the 107th birth anniversary of President Kim Il Sung.

The 21st Kimilsungia Festival took place in Pyongyang and similar exhibitions in provinces, attracting lots of visitors every

day.

The venues were filled with the firm determination of the visitors to hold in high esteem forever the President who devoted his all to the prosperity of the country, wellbeing of the people and the cause of global independence.

With admiration for the President growing throughout the country the Sixth April

Spring People's Art Festival took place at theatres and cultural halls in Pyongyang.

Artistes from provincial art troupes and artistic motivational team members put on stage colourful programmes of vocal and instrumental music and dance pieces representing the

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Senior Party and government officials are on a visit to President Kim Il Sung's birthplace at Mangyongdae.



A joint national meeting of the Korean Children's Union organizations takes place at Mangyongdae Revolutionary School.



Visitors look round the displayed flowers named after President Kim Il Sung at the annual Kimilsungia Festival.



A performance of the Sixth April Spring People's Art Festival.

CHOE MI GYONG / THE PYONGYANG TIMES

Celebrations: Day of the Sun marked with events

FROM PAGE 3

noble feeling of loyalty of all people to hold in high esteem



Youth people hold a dancing session at the plaza in front of Pyongyang Indoor Stadium.

PHOTOS BY KCNA

President Kim Il Sung and Chairman Kim Jong Il as the eternal Sun of Juche.

Performances were also given at theatres and outdoors all across the country, adding colours to the holiday atmosphere.

The Day of the Sun

celebrations were also featured by the national industrial design exhibition, Songhwa art show, national calligraphy festival, the 24th cooking festival, the fourth sweets and cake sculpture exhibition, concentrated Korean stamp show, oratorical contest of trade unionists, poem recital of agricultural workers and performances of women's union artistic motivational team members and art group members of the Pyongyang Students and Children's Palace.

The exhibits of the national industrial design exhibition showcased the development of the country's industrial design which is making a substantial contribution

to economic construction and improvement of the people's living standards as they organically combined aesthetic and practical qualities and ensured compactness, concentration and symbolism.

Over 300 calligraphic artworks in various brush strokes were presented to the national calligraphy festival.

Four kinds of new individual stamps were issued by the State Stamp Bureau.

A joint national meeting of the Korean Children's Union organizations took place at Mangyongdae Revolutionary School to mark the same occasion and Kim Il Sung Youth Honour Prize and Kim Il Sung Children Honour Prize were conferred on exemplary primary youth league committees, youth league officials and members and Children's Union members.

Students and other young people held dancing parties throughout the country.

The Mangyongdae Prize

national martial art championships were held in Pyongyang, drawing over 20 units including provincial Taekwon-Do clubs.

A central meeting of Koreans in Japan was held and a lecture given in Tokyo, Japan.

Remembrance and celebratory meetings, rallies, book and photo exhibitions and other events took place in Laos, Britain, Switzerland and other countries as part of celebrations of the Day of the Sun.

A Syrian publishing house brought out in booklet Supreme Leader Kim Jong Un's work **The Great Kim Il Sung Is the Eternal Leader of Our Party and Our People** and many media outlets in different countries ran special features under the headlines "President Kim Il Sung great man of the century", "President Kim Il Sung's birthday celebrated" and "Great man's life marked by independence".

By Jong Sun Bok PT



The Samjiyon Orchestra stages a concert to mark the Day of the Sun.



A magician from the North Hamgyong Provincial Art Troupe performs.

CHAE MYONG RIM / THE PYONGYANG TIMES



An acrobatic performance is given by the National Circus.

MISSION

Vietnamese state art troupe performs in Pyongyang

A Vietnamese state art troupe led by Vo Van Phuong, member of the Central Committee of the Communist Party of Vietnam and permanent vice-chairman of its Commission for Education and Information, visited the DPRK between April 11 and 16.

The Vietnamese state art troupe presented a gift to Supreme Leader Kim Jong Un.

It visited the Kumsusan Palace of the Sun in Pyongyang to pay homage to President Kim Il Sung and Chairman Kim Jong Il.

Choe Ryong Hae, member of the Presidium of the Political Bureau of the Central Committee of the Workers' Party of Korea, first vice-chairman of the DPRK State Affairs Commission and president of the Presidium of the Supreme People's Assembly, met and had a talk with leading members of the Vietnamese state art troupe who paid a courtesy call on him at the Mansudae Assembly Hall on April 14.

The art troupe gave a performance "Spring Sunshine" at the Mansudae Art Theatre on April 14 and 15.

Choe Ryong Hae and other senior Party and state officials saw the performance together with creators, artistes, teachers, youth and students in the field of culture and art in Pyongyang.

The Vietnamese artistes who came to Pyongyang with warm friendly feelings towards the Korean people put on stage vocal and instrumental music and dance pieces they prepared with sincerity.

The performers sang highly of

their admiration for the leaders of the older generations of the two countries who had established the traditions of friendly and cooperative relations and made great contributions to achieving the socialist cause and their reverence for the DPRK Supreme Leader who is bolstering up the DPRK-Vietnam friendship on a higher stage in line with the requirements of the new era.

They also showed the culture,

national emotion and customs of the Vietnamese people with distinctive sounds and elegant rhythms.

The performance won acclaim from the audience for injecting a fresh air of spring into the history of bilateral friendship with high ideological and artistic value.

After the performance a basket of flowers was conveyed to the performers.

Choe Ryong Hae mounted the

stage to exchange greetings with leading members and artistes of the troupe and congratulate them on their successful performance.

The WPK Central Committee arranged a reception at the Pyongyang Koryo Hotel to welcome the Vietnamese state art troupe.

The Vietnamese entertainers visited Mangyongdae, birthplace of President Kim Il Sung, the Tower of the Juche Idea, the Korean Revolution Museum and other places and saw a performance "Our National Flag" at the East Pyongyang Grand Theatre.

Compiled from KCNA



Choe Ryong Hae (second from right), president of the Presidium of the DPRK Supreme People's Assembly, meets the head of the Vietnamese state art troupe.



The audience give a standing ovation to the Vietnamese performers.

PHOTOS BY KCNA

RALLY

Kangwon people rally to call for more self-reliance in socialist construction



Local people get together in Wonsan, Kangwon Province, to pledge themselves to bring about a great upsurge in all fields of socialist construction.

Working people of Kangwon Province got together in Wonsan on April 18 to pledge themselves to bring about a great upsurge in all fields of socialist construction with self-reliance as the treasured sword for prosperity in hearty response to the historic policy speech of Supreme Leader Kim Jong Un and the spirit of the Fourth Plenary Meeting of the Seventh Central Committee of the Workers' Party of Korea.

The platform was taken by officials of provincial Party and government organs, working people's organizations, institutions, industrial establishments, cooperative farms and universities and labour innovators.

Pak Jong Nam, alternate member of the Political Bureau of the WPK Central Committee and chairman of the Kangwon Provincial Party Committee, read a letter to the Supreme Leader.

He was followed by speeches.

Han Sang Jun, chairman of the Kangwon Provincial People's Committee, said that self-reliance is a firm revolutionary stand with which to carry through the revolution of one's own country by taking on full responsibility for it no matter how tough the road of revolution may be and a traditional spirit of struggle of the Korean people whose validity and power have been proven in socialist construction.

Referring to the achievements the provincial people have made in the efforts to implement the decision of the April 2018 plenary meeting of the WPK Central Committee, he said that the reality has demonstrated that they can overcome any difficulty and ordeal and can do anything when they live and struggle by their own efforts with a firm belief in their own strength. "We will resolutely smash the challenges of hostile forces on the strength of self-

reliance by staking the honour of the Korean people and we will turn Kangwon Province into the first self-supporting, self-sufficient province and the most civilized and richest province," he vowed.

Kim Su Chol, chief of staff of the construction headquarters of the Kangwon provincial army-people power stations, said that all the builders of the power plants who received the militant appeal of the Party are filled with revolutionary enthusiasm and firm resolve to complete the construction projects ahead of schedule in the revolutionary fighting spirit of self-reliance, adding they would speed up construction by launching an indomitable offensive.

U Jong Suk, chairwoman of the Management Board of the Chonsam Cooperative Farm in Anbyon County, also said that all the working people of the farm are brimming with a firm determination to devotedly defend the Party Central Committee with increased production of rice and expressed her resolve to fulfil the grain production plan for this year by dint of scientific farming.

Ri Il Sop, chairman of the Kangwon Provincial Commission of Science and Technology, described science and technology as a motive power that redoubles the strength of self-reliance and propels the development of the independent economy, and called on scientists and technicians to reliably perform their role as pathfinders and engines in the fulfilling struggle to usher in a period of upsurge in socialist construction with self-reliance as the treasured sword for prosperity.

Speakers proposed issuing an appeal to working people across the country for bringing about a great upsurge in all sites of socialist construction by taking self-reliance as the treasured sword for prosperity and all the participants in the meeting fully

supported the proposal.

The meeting adopted the appeal.

The appeal said that self-reliance, as stressed in the Fourth Plenary Meeting of the Seventh Party Central Committee, is a basic policy and mode of development that should permanently be held fast to in socialist construction and the mode which suits the dignity, grit and disposition of the Korean people is only self-reliance, self-sufficiency.

Today, for the state and all the citizens of the DPRK self-reliance is a matter of vital importance deciding between independence and subordination and between development and retrogression and a touchstone to distinguish a revolutionary from pseudo-revolutionary, patriot from traitor, and loyalty from betrayal, the appeal noted, calling on all the people to become truly self-reliant fighters who work devotedly by cherishing self-reliance as the crucial demand of the country and revolution, rather than chanting it only as a slogan in meetings, and genuine patriots who are strong in faith and have the spirit of self-reliance as part of their mental qualities.

Appealing for making a leap forward by dint of science and guaranteeing the future by dint of education, it called on every unit to regard talents and science and technology as the most precious resources and wealth, rather than funds or materials, make sure that scientists, technicians and skilled workers give full play to their passion and talents and give top priority to improving teaching contents and methods and renovating educational conditions and environment by prioritizing education.

It also appealed for workers to become vanguard fighters making a breakthrough in the building of an economic giant on the strength of self-reliance and for farmers in the major thrust area for socialist economic

EDITORIAL

WPK's political line remains steadfast

The Workers' Party of Korea reaffirmed that it is its political line to build a socialist power under the uplifted banner of self-reliance at the Fourth Plenary Meeting of the Seventh Party Central Committee on April 10.

At the meeting WPK Chairman Kim Jong Un said that self-reliance and independent national economy are the basis of the existence of Korean-style socialism, the dynamic of its progress and development and the eternal lifeline deciding the future of the revolution.

The decades-long course of the Korean revolution can rightly be claimed to be the history of overcoming the multitudes of trials and ordeals by dint of self-reliance.

The spirit of self-reliance which was created in the period of the anti-Japanese revolutionary struggle has always served as the banner of struggle and driving force of great leaps forward during the whole periods of several stages of social revolution and socialist construction.

The Korean people did not rely on others but built a new society by their own efforts after Korea's liberation from Japanese military rule under which the country was reduced to poverty and backwardness, and after the Korean war during which the country was reduced to ashes.

In the period of the Chollima leap forward the DPRK made lorries, tractors, bulldozers, excavators and electric locomotives by its own efforts and achieved socialist industrialization in a matter of 14 years.

It laid the solid foundations of an independent national economy by relying on its strength, technology and natural resources and built a socialist state which is independent in politics, self-sufficient in the economy and

self-reliant in defence.

In the vortex of complicated world politics the DPRK held higher the banner of self-reliance and self-development to push ahead with the programme of making the national economy Juche-based, modern, informatized and scientific, establishing the Juche iron, fibre and fertilizer production systems one after another.

It also grasped space technology based on its own brains and made marked progress in the field of science and technology including core, basic technologies even under the decades-long blockade imposed by the hostile forces.

The Korean people have made phenomenal achievements by bringing about a great upsurge and leap forward in production under the banner of self-reliance and self-sufficiency in recent years after the Seventh Congress of the Workers' Party of Korea.

Their will to solve all problems by their own efforts gets firmer with the passage of time and as the situations and conditions change.

The DPRK has an independent national economy unaffected by the outside world, a powerful army of scientific and technical personnel and abundant natural resources.

They serve as a reliable guarantee for the country to solve all problems arising in building a powerful socialist country by its own efforts.

It is the unanimous desire of the Korean people to compete with the world by making continuous innovations in their own development mode with pride in their efforts and creations and high self-esteem.

They will create a new history of bringing prosperity by holding higher the banner of self-reliance.

By Ri Sang Il PT

construction to believe in their own strength and scientific farming methods, hit this year's grain production target without fail and make a continuous advance and innovation to reap a bumper crop on socialist farm fields every year.

In requested intellectuals to create distinctive, more and better intellectual assets, which are helpful to adding brilliance to the socialist country and giving impetus to the building of a powerful country, young people to continuously create a legend of heroic youth and women to demonstrate the strong mettle and resourcefulness of the Korean women in their efforts to bring earlier the rosier future of socialism.

The appeal referred to the need for officials to perform

their responsibility and role as leading personnel.

And there was a public procession.

The participants in the procession marched through the plaza to the tune of band music, holding placards and hand-slogan boards bearing such revolutionary and militant slogans and letters as "Let us mount a courageous all-out offensive, an all-out death-defying campaign, to bring about a great upsurge in socialist construction!", "Let us resolutely smash the imperialists' sanctions moves by dint of great leap forward of self-reliance!", "Campaign to defend Party policies" and "Strength of indomitable spirit".

Compiled from KCNA

FORESTATION

Second-stage reforestation project in full swing

The forest restoration campaign which is now under way in the DPRK is divided into two stages.

The tasks for the first-stage campaign which was conducted between 2015 and 2017 have already been fulfilled successfully.

This is the second year of the second-stage campaign.

The second-stage period is from 2018 to 2024, and its major task is to complete tree planting even in the backwoods of mountains in order to restore all denuded mountains.

Each province, city and county set a plan to finish the construction of parent nurseries, wind up tree planting till 2022 and conduct additional planting and cultivation in the remaining two years so as to turn all mountains into "gold and treasure mountains". They are now pushing their plans dynamically.

Although it is an uphill task, we have strength and foundations great enough to carry out everything with our own efforts.

This is evidenced by tree planting results between last year and this spring.

Last year, the Kangwon Provincial Tree Nursery was built as a land- and labour-saving modern nursery in which tree saplings are cultivated on an industrial and scientific basis, and a modern sapling greenhouse was set up at the parent tree nursery in Mundok County, South Phyongan Province. With them as a model and standard, the construction of tree nurseries is being pushed at the fast pace in each province and that of sapling greenhouses in all city and county parent tree nurseries, and such construction projects are now at the final stage in Jagang Province and Rason City.

Great progress has been made in afforestation and conservation.

Tens of millions of more saplings were produced and tens of thousands of hectares of more forests created last year, the first year of the second-stage campaign. The tree planting plan for this spring started with tree-planting day (March 2) as a momentum and it was fulfilled on a 48 percent level as of late March. What is distinctive in this year's tree planting is that the national tree of pine is intensively planted in major construction sites and cities.

Thanks to the state measures taken to prevent damage from wildfires last year, over 100 km-long firebreaks were newly created in over 300 hectares of forests and 130-odd-km-long stone barriers and 870 catchment sites built or repaired. A nationwide wildfire monitoring, notifying



Kim Myong Chol, chief of the General Forest Bureau.

and extinguishing system is being established more thoroughly with cameras installed in the Samjiyon area and major forest areas to monitor the outbreak of wildfire in real time. Meanwhile, all cities and counties are stepping up an undertaking to prevent forest destruction by harmful insects by building biopesticides production bases and boosting the production of the chemicals and parasitic bees.

The level of mechanization, scientific and IT in the field has also been raised a step higher.

A double production method of saplings in greenhouses was completed and sprinklers for extinguishing forest fire and portable power sprayers for exterminating harmful insects were made. A nationwide information system for the management of forest resources was introduced from Pyongyang to provinces, cities and counties to monitor in real time the forest destruction by heavy snowfall, drought and harmful insects and take timely measures against the damage. The second national exhibition of forestry science and technology took place last November and good research findings which had highly been appreciated at the exhibition were posted on "Hwanggumsan", the website of the Central Tree Nursery, so that they could be disseminated all across the country.

A series of measures were taken across the country to supply saplings of good tree species. Many cities and counties finished tree planting and they are now carrying on additional planting over the forests they planted from 2015, planting more trees on the sites whose tree species were replaced during the first-stage campaign and reclaiming forests with almost no or less usefulness.

We will carry out the task for the second-stage forest restoration campaign as scheduled.

Kim Myong Chol,
chief of the General Forest
Bureau of the Ministry of Land
and Environment Protection

IP

Centre extends IP service to help boost industries

The High-Tech Exchange Centre of the State Academy of Sciences conducts brisk sci-tech exchange and service activities.

"Our centre offers consultation services for new intellectual property products developed by dozens of institutes under the academy to businesses at home and abroad, thereby contributing to the development and application of technology-intensive industry, the hi-tech industry," said Hwang Chang Gon, director of the centre.

The centre's sci-tech consultation service gives impetus to the development and distribution of new IP products which integrate scientific research, production, selling and technical trade by providing a technical exchange space between scientific research units and production units.

So far, it has served lots of IP products such as the oxygen-pulverized coal firing and combustion stabilizing technology, seawater purifier based on electric desalting method, 100 kW-capacity horizontal axis wind turbine, laser 3D foot measuring device and functional paper.

The oxygen-pulverized coal firing and combustion stabilizing technology, which helps normalize power generation and put power industries on a Juche basis by ensuring the ignition of boilers and the stabilization of combustion at thermal power

stations with the burning of oxygen-pulverized coal instead of heavy oil, wins popularity in different units including the Pukchang Thermal Power Complex.

Thanks to the introduction of laser 3D foot measuring device, the production and design of shoetrees have increased five times more than before at the Ryuwon Footwear Factory, which made it possible to shorten the development cycle of products.

At present, many domestic enterprises, universities and research institutions keep in close touch with the centre.

The centre conducts joint research, experience sharing, workshop and intellectual product development together with foreign research institutions and academic organizations.

Recent developments include

keratin peptide medicine, a natural broad-spectrum antibiotic with national patent, TCO for industrial use employing the magnetron sputtering device and electricity-saving mobile crushing mill.

The centre is also interested in establishing joint-venture enterprises with domestic partners on the objects with high value added and profit margin.

The centre is located at Sosan-dong No. 1, Sosong District, Pyongyang.

Those who hope for collaboration with it, please contact:

Tel: 850-2-18111 ext. 341-8544

Fax: 850-2-343-2100/4410

E-mail: arirangip@star-co.net.kp

By Jong Hwa Sun PT



RYU KWANG HYOK / THE PYONGYANG TIMES

Researchers consult over zero-energy technology at the High-Tech Exchange Centre of the State Academy of Sciences.

PROFILE

Couple set their sights higher

There is a lecturer couple who have worked for over 20 years at Pyongyang University of Architecture.

Husband Kim Mu Song, aged 52, teaches basic architectural design and wife Pak Hae Sim, aged 48, works at the social science department.

Since they tied the knot 20 years ago they have pooled their intelligence and passion for the education of students.

They usually return home late at night after university work.

But the cooperative couple join efforts to handle all matters arising both in housework or teaching work as they share experience and knowledge.

Sometimes they have heated debate over education work, which often results in the discovery of a rational and practical teaching method.

"We've regarded each other's research project as our common task and we have had open, intense discussions pooling our ideas," said Kim.



SONG YONG SOK / THE PYONGYANG TIMES

Pak Hae Sim and Kim Mu Song (right) work at home in search of a new teaching method.

He cut a conspicuous figure in his early thirties as he developed new academic subjects in succession in line with the trend of developing architectural design and

presented valuable essays for its development one after another.

Pak Hae Sim has a longer teaching career than her husband and is very helpful to him.

During her 25-year career, she developed many advanced teaching methods to win admiration as a woman of ability at the university.

Her method, which ensures logicity, system and vividness in teaching and effectively stimulates students' creative thinking in the form of explanation and informal talk, won the first place at the national teaching competition in 2014 and she got her doctor's degree that year.

A winner of several certificates of registration of new teaching methods and of social science hits, she trained several students to hold academic degrees and participated in such national events as the 13th national conference of educational workers and the national conference of social scientists.

"The developing reality requires us to constantly set higher goals," Pak said.

By Jong Sun Bok PT

SYRIA

Great effort channelled into reconstruction

The Syrian government is taking proactive measures to reconstruct the country destroyed by years of war and stabilize its people's living.

Primary efforts have been directed to shoring up the oil industry, the mainstay in economic development.

Oil fields in Dayr az Zawr Province and the central part of the country have been restored to their original state, making it possible to start production.

Repairs of the railway line linking Damascus and Aleppo are under way in earnest.

The line that is expected to be completed in several months is said to facilitate the transport of fuel to power plants in the country's northern and southern regions and grains to granaries in Aleppo Province and other regions.

And a feeder railway is under construction at the quarry in the central region for building stones needed for the country's reconstruction.

As of mid-February, Syria restored to original state 31 200 houses, 810 educational facilities, 137 health establishments and motorways extending for about 100 kilometres.

Public health services have attained the pre-war level.

According to the Syrian health ministry, about 8 980 pharmaceutical factories resumed production in some areas and the country has become able to meet 90 percent of domestic demand for medicines by its own production.

With notable economic achievements being made in the country, lots of refugees are returning home.

The government promulgated a law on revising the land law to offer convenience to refugees in the registration and ownership of land.

A large number of citizens have returned to their original place of residence, including over 183 600 people who had scattered to different parts

of the country and about 130 000 who had taken refuge abroad.

The government is directing much effort to developing external relations.

During the Syrian President's visit to Iran in late February the leaders of the two countries agreed on further boosting comprehensive cooperative ties and announced that both countries would take concerted actions in order to defend the interests of their peoples.

Most recently, the two countries concluded agreements on close cooperation in such fields as housing construction, industry, agriculture, energy and tourism.

Late last year, the United Arab Emirates and Bahrain reopened their embassies in Syria, committing themselves to striving for ensuring its independence, sovereignty, unification and stability.

By Om Ryong PT

VENEZUELA

The other side of anti-Venezuelan campaign

Outside forces are overstepping the mark in their attempt to overturn the legitimate government of Venezuela.

On March 7, less than one month after the country recovered from the worst ever power failure, another cyberattack was mounted on a leading hydropower station to cause power outage in different areas.

Analysts see that anti-government forces within and without are behind the underhand manoeuvres.

Foreign forces are intensifying sanctions against Venezuela in financial and oil fields in a bid to cut the source of income of the Maduro government, bind it hand and foot and incite anti-government feelings among the local people. For example, the sanctions froze the asset worth US\$7 billion of a local state-run oil company last January.

Sabotage of the power supply system can also be seen as part of such machinations.

What then is the aim of their attempts to topple the Maduro government?

The imperialists see Venezuela as a thorn in their flesh as it advances under the banner of the Bolivarian Revolution and the banner of anti-US struggle.

The South American country quit the Organization of American States in 2017 as the latter has been given to interference in the internal affairs of other countries. And it declared the establishment of a constituent national council as a resolute measure to counter the threats caused by right-

wing forces backed by outsiders and has made preparations to cope with possible military aggression by foreign forces.

Then the outsiders applied sanctions to the President and high-ranking government officials of Venezuela and shielded and backed the local dissident groups, calling them "democratic forces" and spreading a rumour about "humanitarian crisis" in the country.

A typical example is that the outside forces decided to provide "humanitarian aid" to Venezuela at the request of the speaker of the Venezuelan national assembly, who styles himself interim president of the country. Foreign media outlets comment that outside forces intensify sanctions on the one hand in order to constantly aggravate the economic conditions of the country and make its people dissatisfied with the government, and offer "aid" at the request of the "interim president" on the other hand in a bid to put the Maduro government in a dilemma. Some analysts see the sabotage act aimed at the power supply system as the outcome of the despicable moves to disturb the people's mind and overthrow the Maduro government.

After all, the anti-Venezuelan manoeuvres are aimed at removing the "thick bone" of Maduro government and swallowing the "soft meat" of region with ease.

By Choe Yong Nam PT

TREND

Recycling industry booms worldwide

Nowadays, it is an important part of production activities to recycle wastes.

Lanzhou of Gansu Province, China, is a model in light of the country's recycling industry development.

Eighty percent of waste materials are now recycled in the city.

According to a recent report of the Xinhua news agency, the city has 250 stations for purchasing recyclable materials including waste paper, glass and plastic bottles, scrap iron and empty tins. Such materials are then sent to the industrial centre after classification to be used as raw materials for the production of new goods. The centre has different factories.

For example, its paper mill turns out various types of packaging sheet by reducing waste paper to pulp.

A paper company under the centre buys over 500 tons of waste paper every day and 1.08 tons of waste paper are enough to produce one ton of new paper.

Other factories process scrap iron into the raw material for iron and steel production and produce vinyl bags, dustbins and plastic chairs with plastic waste

such as retrieved agricultural vinyl sheets. Waste rubber is used to make rubber tube and sheet.

In 2017, the Chinese government worked out a strategy to give impetus to the maximum use of domestic resources. According to it, the recycling industry became active in Beijing and other cities with the involvement of a large number of businesses.

According to information available, the recycling rate of iron, nonferrous metal and plastic increased by 11 percent in 2017 as compared to 2016.

China aims to build more model recycling industry cities till 2020 and increase the recycling rate of major recyclable resources to 75 percent.

The demand for waste materials also increases at 10-20 percent every year in Vietnam.

Under the plastic industry development strategy until 2020 mapped out by the Vietnamese ministry of industry and trade, the processing of waste is seen as one of solutions to the development of plastic industry in the country.

The Vietnamese paper and

pulp association advises paper producers to switch over to recycling waste paper.

By Song Jong Ho PT

RUSSIA

Countermeasures taken to safeguard national security

Russia is taking positive actions to ensure security of the country.

It is taking measures to boost its military capability in reaction to NATO's escalation of military presence near its western border.

The Russian defence minister at a council meeting of the defence ministry on March 27 announced that over 180 new-type warships will be supplied to the navy by 2027 according to the 2018-2027 national military equipment plan. And 35 military vessels are to be commissioned this year alone.

A tactical flying corps manoeuvre was carried out in the western military district on

March 26 to detect, track and annihilate imaginary airstrike means at any time, and different types of military exercises were staged in Voronezh, Crimea, Astrakhan, Trans-Baikal and Buryatia last month.

Russia is also taking tough countermeasures against NATO's successive joint drills in the Black Sea.

The reconnaissance and attack vessels of its Black Sea fleet and coastal missile systems are on watch. Dozens of warplanes staged a short- and long-distance aerial combat drill, while missile cruisers of the fleet launched ultrasonic anti-ship missiles at imaginary enemy fleets.

In addition, S-400 anti-air

missile system units stationed in Crimea of the southern military district launched into an exercise for repelling enemy's missile attack, and an air defence drill for defending the shores of the Black Sea took place in Krasnodar involving over 1 500 troops of an anti-aircraft combined unit and more than 100 pieces of special technical equipment.

Russia also strives to ensure social security.

Addressing an enlarged council meeting of the Ministry of the Interior, President Putin said that although the crimes of extremist tendencies saw nearly a 17 percent decrease in 2018, such crimes still occur in every part of Russia and pointed to the need for the ministry to enhance its role in coping with extremism, improving traffic safety and preventing juvenile crimes.

By Min Chol PT

GAMES

Mangyongdae Prize Games at its height

Amidst the Mangyongdae Prize Games in Celebration of the Day of the Sun, the first-division volleyball competition started on April 7 at the Volleyball Gymnasium on Chongchun Street in Pyongyang.

Four teams will play two rounds of league matches in the men's event, while six teams compete on a round-robin basis in the women's game to decide rankings.

Most volleyball fans select

April 25's men and women as odds-on favourites.

April 25's male volleyball team which has dominated domestic circles for a long time has strong offensive power.

Amnokgang's male volleyball team comprising Yun Jong Ryong who is known as the best tosser on the domestic front is following close on the heels of April 25.

In the first match between the two teams on April 9, April 25

overpowered Amnokgang.

The premier league men's soccer tournament, which kicked off at Kim Il Sung Stadium in Pyongyang on April 5, has been conducted fiercely.

Divided into two groups, eleven clubs played group league matches.

Ryomyong and Rimyongsu in group A and Sobaeksu and Kigwancha in group B advanced to the semi-finals.

In the matches played on April 18 between Ryomyong and Kigwancha, between Rimyongsu and Sobaeksu, Kigwancha and Rimyongsu won the games respectively.

Pyongyang Han Tok Su University of Light Industry and Pyongyang University of Mechanical Engineering sports clubs came first respectively in the men's and women's youth-level tennis team events.

There were also badminton singles, senior-level (first division) handball, senior women's field hockey, senior-level synchronized swimming, youth-level weightlifting and senior-level (second division) table tennis competitions.

By Jong Tang Song PT



PAK CHANG BOK / THE PYONGYANG TIMES

A scene from the women's volleyball match between Sobaeksu and Hyongjesan at the Mangyongdae Prize Games.

WRESTLING

Club known for producing excellent wrestlers

The Jangsan Sports Club in Sosong District, Pyongyang, is well-known for producing wrestling aces.

Since its establishment in 1989, the club has produced hundreds of wrestlers.

Among its hall of famers is Ri Yong Sam, three-time Asian wrestling champion and gold medalist at the Asian championships.

Recently, the club's wrestlers won titles of men's 42 kg category of Asian junior wrestling championships and women's 44 kg division of Asian youth wrestling championships in 2014 and 42 kg titles of the Asian junior wrestling championships and the Yadegar Imam Cup international junior wrestling tournament in 2015, and triumphed in the women's 40 kg category at the Asian junior

wrestling championships in 2016.

Such achievements are inseparable from the role of coaches.

"The speed-oriented game plan which is to overpower the opponents by combining leading attack and counterattack based on swift movement and feint, instantaneous throw and other techniques—it is the key to our success," said head coach Kim Hak Won.

As they teach trainees attack and defence techniques the coaches attach importance to effective and diverse weight distribution drills and they have developed and applied hundreds of such methods.

They also get the players drilled in more than two forties according to their physiques and ability.

At present, the club has set its sights on golds at the coming Asian youth and junior wrestling championships and the Baerhu Cup international wrestling tournament.

By Jong Chol PT



KIM YONG CHAN / THE PYONGYANG TIMES

Wrestlers are under training at the Jangsan Sports Club in Pyongyang.

SOCCER

April 25 beats HK's Kitchee at AFC Cup preliminaries

The first leg between April 25 of the DPRK and Kitchee of China's Hong Kong in Group I (East Asia) of the 2019 AFC Cup was held at Kim Il Sung Stadium in Pyongyang on April 17.

April 25 beat its opponent 2-0.

Ri Hyong Jin of April 25

opened the scoring in the 53rd minute and Kim Yu Song scored the second goal in the 58th minute.

The two clubs are to have their second leg match in Hong Kong of China on June 26.

Compiled from KCNA



PAK KWANG HUN / THE PYONGYANG TIMES

April 25's striker shoots a goal in the 2-0 first leg against Hong Kong's Kitchee for the AFC Cup group preliminaries.

FOLKLORE

Traditional cosmetics for women

The Korean women have a long history of using cosmetics.

The unearthing of such a toilet set as bronze mirror and bronze beauty kit, as well as such cosmetics as face powder, in different ancient sites shows that women had already used various cosmetics in those days.

Women's aesthetic demand which increased further in the period of the Three Kingdoms gave impetus to the development of cosmetics, developing the techniques of making cosmetics and diversifying the kinds of cosmetics accordingly.

At that time, makeup included face powder, rouge, eyebrow pencil, hair oil and aromatic essence.

Typical face powder used by the contemporary women involved the powder made by pounding agalmatolite, the lead white made by treating lead with heat and oxidizing it and the powder made of the seed of marvel-of-Peru.

Rouge embraced those made of mineral mercury sulfolide and vegetable safflower.

The eyebrow pencil was made by mixing oil with the soot obtained after burning oriental species of oak and beech.

The pomade made of

scentless and glossy beeswax and sesame oil and the camellia oil were generally used to arrange hair beautifully and charmingly.

At that time perfume and aromatic essence were made, by keeping flower petals with powerful scent in oil or by drying the stems, leaves and roots of aromatic plants in shadow before pounding them.

Handicraftsmen specializing in the production of cosmetics emerged in the period of Koryo Kingdom, and the families with marriageable girls grew safflower, material for rouge, in their courtyard. Therefore, the making and use of cosmetics came to be popularized.

In the period of feudal Joseon dynasty, cosmetics made big headway towards making the skin glossy and soft and preventing the damage of skin and protecting.

The powder made of vegetable material was much used in those days and the one made of powdered shell or pearl was also used according to regional features and social standings.

The best eyebrow pencil was made by adding rapeseed oil to the soot of pine sprout.

By Ri Sung Ik PT

